Purpose of the UNA Inventory

- Identify and describe areas in the County with outstanding environmental qualities
- Promote the conservation and/or preservation of UNAs for the benefit of future generations
- Help people make informed choices about development in, or near these areas

Photo by Robert Beck©

UNA-46, Malloryville Bog, Town of Dryden

The EMC shall "foster unified action...propose priorities and promote coordination… in the development and management of our [County] natural resources" (Resolution No. 295)

Reasons for Selection

- Designated Natural Area or Preserve
- State-designated Wetland
- Diverse Fauna or Flora
- Rare or Scare Plant, Animal or Community
- Historic Botanical or Zoological Site
- Geologic Importance
- Important Teaching Site
- Old-Growth Forest
- Birding Site
- Quality of Animal or Plant Community
- Recreational Value
- Scenic or Aesthetic Value
- Wilderness Character
- Archeological/Paleontological Site
- Cultural/Historic Site
- Urban Greenspace

UNA-136, Cascadilla Gorge

City of Ithaca, Town of Ithaca

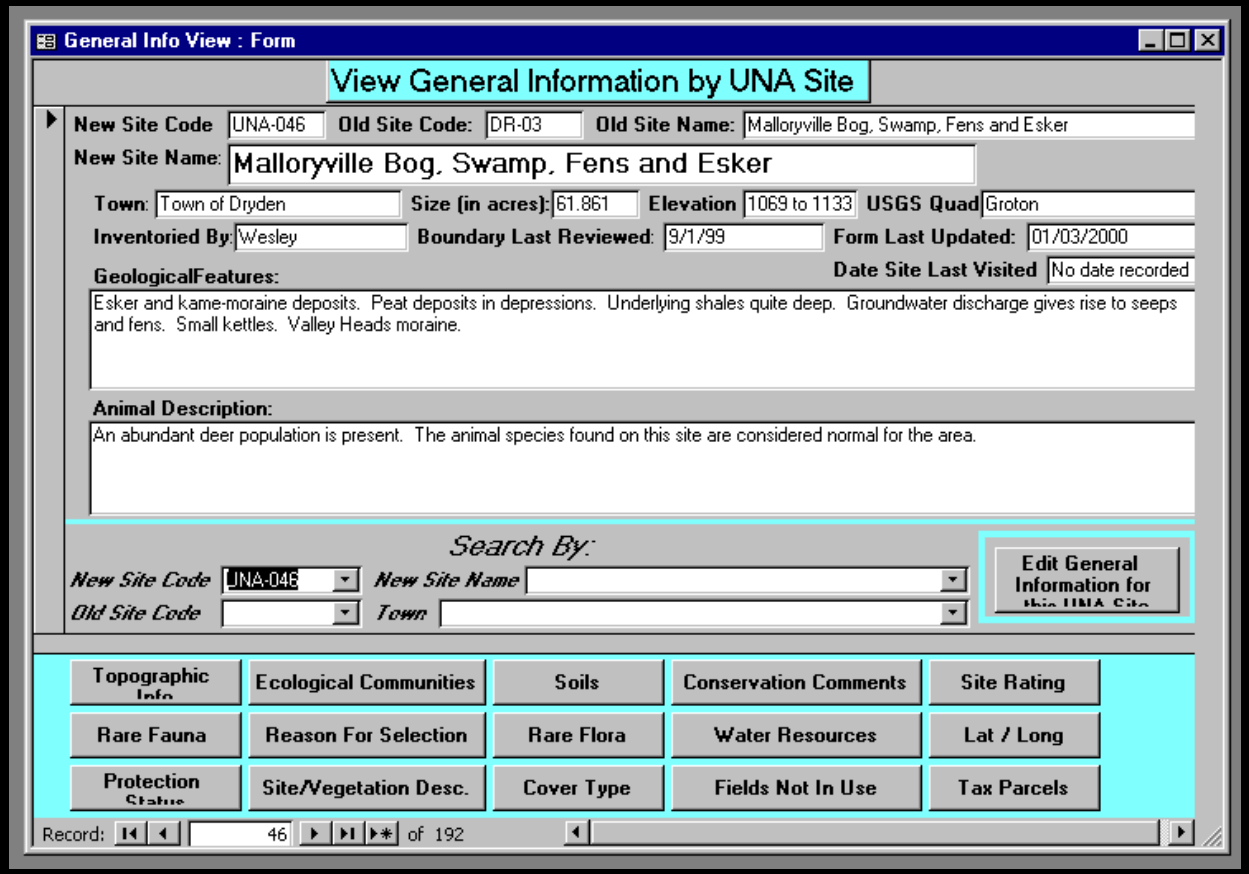
Canada Lily, *Lilium canadense*

Showy Ladyslipper, *Cypripedium reginae*

Painted Trillium, *Trillium undulatum*

UNA Site Characteristics

- Physical, Biological and Ecological Information tailored to assist with the completion SEQRA forms
- Relational Database for storage, easy updating and display (reports)
- Geographic Information System Coverage for landscape-level analysis



UNA Geographic Information

GIS Data and Sources

TC Planning Department

- Unique Natural Areas
- UNA- 46
- Major Stream

US Department of the Interior

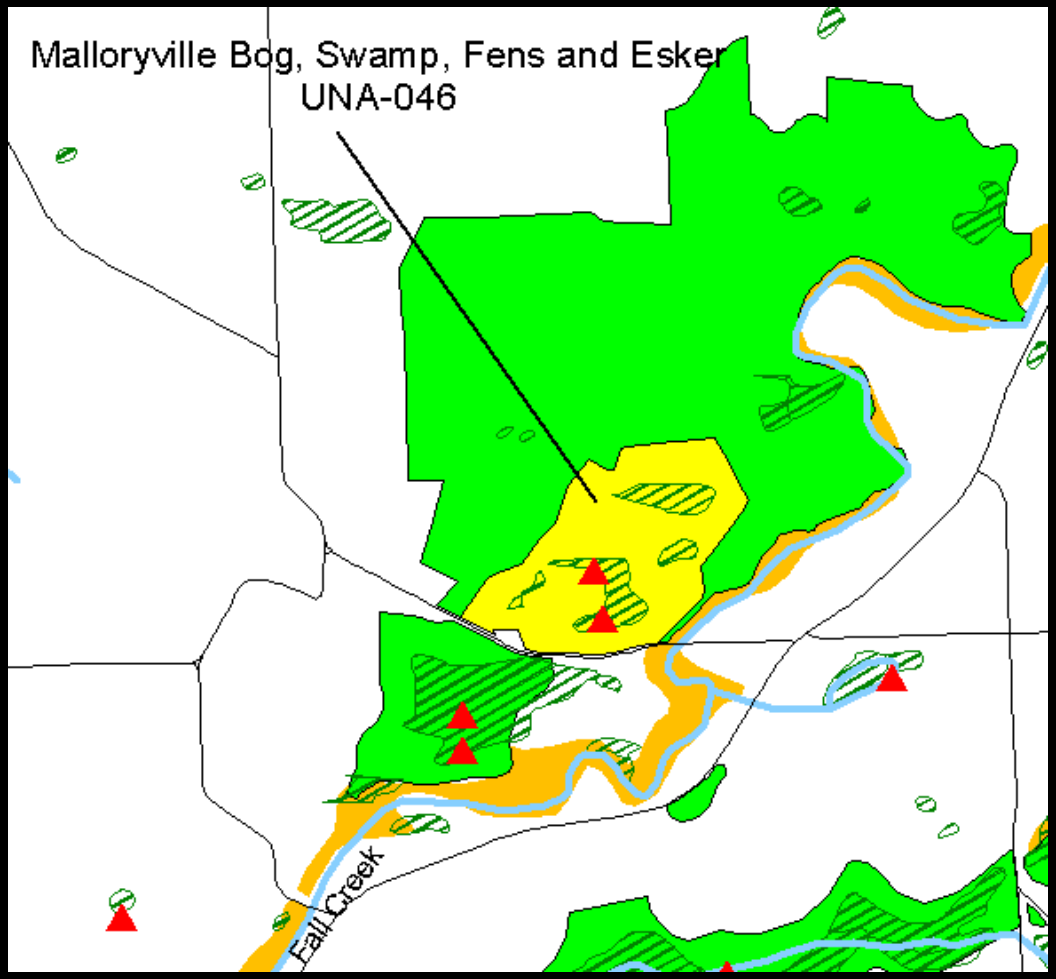
- National Wetlands Inventory

Federal Emergency Management Agency

- Special Flood Hazard Areas (Q3 100-year or base flood)

New York State Natural Heritage Program

- Species of Concern



Map created using ESRI ArcView

BIOLOGICAL CHARACTERISTICS OF THE SITE

Ecological Communities

Rarity: Global, State, Local

Bombylius major sucking nectar from quaker ladies

Io moth relies on contiguous forest habitat

Photos by F. Robert Wesley

BIOLOGICAL CHARACTERISTICS OF THE SITE

Plant Species

Rarity: Global, State, Local

Legal Status: Federal or State

Pitcher Plant (*Sarracenia purpurea*) in bog

Large Cranberry (*Vaccinium macrocarpon*) in bog

Photos by F. Robert Wesley

BIOLOGICAL CHARACTERISTICS OF THE SITE

Animal Species

Rarity: Global, State

Legal Status: Federal or State

Photos by F. Robert Wesley

Cooper's Hawk (*Accipiter cooperii*)

Gray Tree Frog, *Hyla versicolor*

Red Spotted Newt, *Notophthalmus viridescens*


Next Steps
• Planning Tool for Municipalities
• Community Education
• Conservation Efforts
Photo by Robert Beck©